A SYSTEM AND METHOD FOR AUTOMATICALLY AND DYNAMICALLY MODIFYING FUNCTIONS OF MOBILE DEVICES BASED ON POSITIONAL DATA

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ABSTRACT OF THE INVENTION

The present invention is embodied in a system and method for automatically and dynamically modifying the functionality of the mobile device based on positional data, such as modifying software applications running on the mobile devices. In general, the present invention allows the user of a mobile electronic device to receive information relative to a position, and to have this information modified as the position of the device changes. This is accomplished by automatically and dynamically tracking the electronic device, within a working domain, using a predefined coordinate system. Every portion of the domain is "live", meaning that each portion can be associated with specific data. Thus, when the electronic device moves from position to position, data relevant to that position is accessed and used to automatically and dynamically modify applications running on the mobile electronic device.

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